

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atty Dkt. 839-1004

28PH

C# M#

WANG et al

Group Art Unit: 2834

Serial No. 09/854,932

Examiner: Hanh N. Nguyen

Filed: May 15, 2001

Date: January 28, 2003

Title: HIGH TEMPERATURE SUPER-CONDUCTING ROTOR HAVING A VACUUM VESSEL AND ELECTROMAGNETIC SHIELD AND METHOD FOR ASSEMBLY

Assistant Commissioner for Patents
Washington, DC 20231



Sir:

RESPONSE/AMENDMENT/LETTER

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

☒ **Correspondence Address Indication Form Attached.**

Fees are attached as calculated below:

Total effective claims after amendment	21	minus highest number			
previously paid for	21	(at least 20) =	0	x	\$ 18.00
					\$ 0.00

Independent claims after amendment	2	minus highest number			
previously paid for	3	(at least 3) =	0	x	\$ 84.00
					\$ 0.00

If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper)	\$ 0.00
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Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$410.00/2 months; \$930.00/3 months)	\$ 0.00
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Terminal disclaimer enclosed, add \$ 110.00	\$ 0.00
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<input type="checkbox"/> First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$750.00)	\$ 0.00
<input type="checkbox"/> Please enter the previously unentered, filed	
<input type="checkbox"/> Submission attached	

Subtotal \$ 0.00

If "small entity," then enter half (1/2) of subtotal and subtract	-\$ 0.00
<input type="checkbox"/> Applicant claims "small entity" status. <input type="checkbox"/> Statement filed herewith	

Rule 56 Information Disclosure Statement Filing Fee (\$130.00)	\$ 130.00
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Assignment Recording Fee (\$40.00)	\$ 0.00
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Other:	0.00
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TOTAL FEE ENCLOSED \$ 130.00

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON & VANDERHYE P.C.
By Atty: Jeffrey H. Nelson, Reg. No. 30,481

Signature: _____

[Handwritten Signature]



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

WANG et al

Atty. Ref.: 839-1004

Serial No. 09/854,932

Group: 2834

Filed: May 15, 2001

Examiner: Hanh N. Nguyen

For: SUPER-CONDUCTING SYNCHRONOUS MACHINE HAVING ROTOR AND A
PLURALITY OF SUPER-CONDUCTING FIELD COIL WINDINGS

* * * * *

January 28, 2003

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT AFTER FINAL REJECTION

Responsive to the Final Official Action dated January 2, 2003, please amend the
above-identified application as follows:

IN THE CLAIMS

Please substitute the following amended claim(s) for corresponding claim(s)
previously presented. A copy of the amended claim(s) showing current revisions is
attached.

1. (Twice Amended) A rotor for a synchronous machine comprising:
a warm rotor core having a rotor axis;
a pair of cryogenically cold super-conducting coil windings mounted on the rotor
core, each of said coil windings in a respective plane that is parallel to and offset from
the rotor axis, and each of said coil windings having an end section extending beyond
an end of the rotor core, and